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oM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Database :
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Maximum DB seq length: 2000000000
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Issued patents, AA.*

2. Care A. Berthald A. Care A. Berthald A. B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         199.750 Million cell updates/sec
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Prod. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| No. | Score | Matich Matriy | Querry Match bength 58 | 3 : | E | Description |
|----------------|--------|------------------|---------------------------|----------------|--|------------------|
| - : | //4.5 | 69.3 | 867 | - ; | US-08-340-820-3 | Sequence 5, Appl |
| Κ. | 774.5 | 69.3 | 208 | _ | - 80- | , G |
| ٠. | 774.5 | 69.3 | 208 | - | H | 25, |
| 4 | 224.5 | 6.9.3 | 508 | | 2 | .~ |
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| 7 | 774.5 | 69.3 | 208 | - | 08-984-535-25 | 25, |
| ¤ | 771.5 | 1.19.3 | 801 | _ | ٠. | . 1 |
| , ₁ | 774.5 | 69.3 | 208 | - | 08-462- | . 17, |
| | 774.5 | 69.3 | 802 | ^ | US 08-207-412B-13 | - |
| _ | 774.5 | 6.4.3 | 803 | tü | 08 | - 1 |
| - | 774.5 | 69.3 | 802 | t-J | 05-08-438-4390-12 | 10 |
| 1 3 | 774.5 | 69,3 | 208 | N | US-08-951-822-34 | 34, |
| | 774.5 | 63.3 | 802 | Ņ | US-08 943-915-3 | Sequence 3, Appl |
| 15 | 774.5 | 69.3 | 802 | ٠. | .04 | 17, |
| 16 | 774.5 | 69.3 | 208 | * | 925-08-705-245-7 | ٠. |
| 1.7 | 774.5 | 69.3 | H07 | • | US-08-718-904-18 | <u>~</u> |
| 1 H | 774.5 | 69.3 | 802 | ٠. | 9 | |
| 1 ., | 769.5 | 5×.× | 207 | - | US 08:340-820-2 | Ν |
| 20 | 769.5 | 68.8 | 207 | _ | US 08-172-328-2 | Sequence 2, Appl |
| 2 | 764.5 | 68.8 | 207 | _ | 08-593-535-2 | .7 |
| 22 | 769.5 | €2.8 | 802 | - | US-08-464-590A-10 | 10, |
| 23 | 76.9.5 | 5 H . H | 60 20 20 20 | ٠,٠ | 01-585-860-60 | 10 |
| E-4- | 758.5 | 67.8 | 205 | - | 3 | |
| 21, | 758.5 | 67.8 | 205 | - | 80.8 | 4, |
| 26, | 758.5 | | 205 | - | 1 68 - 89 s | ű ű |
| 2.7 | 758.5 | 67.8 | 206 | - | US-08-340-820-7 | 7, |

Query Match

Best Local Similarity

69.38; 70.68;

Score 774.5; DB 1; Length 208; Pred. No. 1.8e-79;

| | 5 PCT-US95-09172-16 | 190 9 | 62.8 | 702.5 | 45 |
|------------------|---------------------------------|-------|------|-------|----------------|
| Sequence 15, App | US-08-776-207-16 | 190 | 62.8 | 702.5 | 44 |
| 5 | 0.8 - 0.8 - 4.4 1 - 6.2 9 - 1.6 | 190 | 62.8 | 702.5 | 43 |
| | 05-08-943-915-2 | 207 | 63.1 | 705.5 | <u>4</u> د، |
| | US-08-943-915-5 | 207 | 63.4 | 708.5 | 41 |
| | US-08-438-439C-21 | 193 2 | 63.6 | 710.5 | 40 |
| | US-08-172-328-9 | 160 | 65.2 | 729 | 39 |
| Sequence 8, Appl | US-08-172-328-8 | 159 | 65.2 | 729 | 3 8 |
| | US-08-593-535-6 | 178 | 66.4 | 742 | بد 1- با |
| · | US-08-340-820-6 | 178 | 66.4 | 742 | 36 |
| | US-08-593-535-4 | 177 | 66.4 | 742 | 35 |
| | US-08-340-820-4 | 177 | 66.4 | 742 | 34 |
| | US: 08-172-328-7 | 176 1 | 66.4 | 742 | ىد نى |
| ` | US-08-172-328-6 | 175 1 | 66.4 | 742 | 65 60 |
| | 08-08-593-535-8 | 206 1 | 67.8 | 758.5 | 31 |
| - | 08-08-593-535-7 | 206 1 | 67.8 | 758.5 | 30 |
| Sequence 5, Appl | 0.8 - 0.6 - 0.3 0 - 3.28 - 5 | 296 1 | 67.8 | 7.8.5 | 53 |
| • | US-08-340-820-8 | 206 | 5/.8 | /58.5 | 2 |

ALIGNMENTS

RESULT 1 US-08-340-820-3

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: Sequence 3, Application US/08340820
Patent No. 5512460
; GENERAL INFORMATION:
APPLICANT: NARDO, Kentichi
APPLICANT: SERO, Chisako
US - 08 - 340 - 820 - 3
                                                                                                                                                                                                                                                                                                                                TELEPHONE: (617)523-3400
TELEPHONE: (617)523-6440
TELEPA: 200291 STRE HR
INFORMATION FOR SEQ ID NO: 3:
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APPLICANI: SEKO, Chisako
APPLICANI: SEKO, Chisako
APPLICANI: FORMAN, TSALLOMA
APPLICANI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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                                    TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 208 umino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBERS US/07/835,713
FILING DATE:
AUTORNEY/ARENT INFORMATION:
NAME: CONCLY. SIVING G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
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COMPUTER: LHM PC compatible
OPERATING SYSTEM: PC-F008/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/340,820
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US-08-340-820-9
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# Patent No. 5512460
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                                                                                                                                                           (nery Match 69.3%) Score 774.5; DB 1; Length 2 Hest Local Similarity 70.6%; Pred. No. 1.8e-79; Matches 149; Concervative 23; Hismatches 30; Indels
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TELEX: 200291 STRE UR
INFORMALION FOR SEQ ID NO: 9:
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APPLICANT: SEKO, Chisako
APPLICANT: KUROKAWA, TSutomu
APPLICANT: KONDO, Talani
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NAME: CONLIN, David G.
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MEDIUM TYPE: Floppy disk
COMPUTER: IHM PC compatible
OPPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: 1ELEPHONE: (617)523-3400
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APPLICATION NUMBER
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STREET: I.
STREET: Massar
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             175 GIRIKRHOKETHFLPRPVDPDKVPELYKDIL 205
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER. 05/08/040/A/PPELLING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
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APPLICANT: KONDO, TSLESUYA
TITLE OF INVENTION: GLIA ACTIVATING FACTOR AND HTS
TITLE OF INVENTION: PRODUCTION
NUMBER OF SEQUENCES: 27
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ANTILOATION NUMBER: US/07/835,713
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SCHTWARE: Patentin Release #1.0, Version #1.25
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SEKO, Chisako
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US 08 172-328-3
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TELEX: 200291 STRE OR
NECKMATION FOR SEQ ID NO: 4:
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APPLICANT: SEKO, Sachiko
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANGE STANGE
                                                                                                                                                                                                                                                                                                                      REPERENCE/DOCKET NUMBER: 26
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                        SECTIONS CHARACTERISTICS:
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                                                            IMMEDIATE SOURCE:
                                                                                                                                          ORIGINAL SOURCE:
                                                                                                                                                            HAROTHELICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   175 GIRTKRHOKFIHFLPRPVDPDKVPELYKDIL 205
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM FYPE: Flappy disk

"MMOUTER: IRM PC compatible
OPERATING SYSTEM: PS:GRSAMSGRS
SOFTWARE: Patentin Release #1.0, Version #1.25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MAPLAEVOOFLAGLEGLOOPVOSHELLERAGEKERILATEKKSAAEKSAKG---GEGAAQL 57
                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
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                                             LIBKARY:
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                                                                                                                         ORGANISM: Homo sapieus
                                                                                                                                                                                             : Athertool
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RESULT 5
US-08-593-535-3
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// Patcht No. 5622928
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                                                                              US-08-593-535-3
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                 Query Match
                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 07/845,714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: KUNCKAWA, TSALOMU
APPLICANT: KONDO, Tatsuya
TITLE OF INVENTION: GLIA ACTIVATING FACTOR AND ITS
TITLE OF INVENTION: PRODUCTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: NARUO, Ken-ichi
APPLICANT: SEKO, Chisako
                                                                                                   MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                              FILING DATE: 12-FEB-1992
ATTOPNEY/ACTENT INFORMATION:
                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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COMPUTEN: IBM PC compatible
OPFDATEING SYSTEM: PC-1008ZMS-DOS
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                                                                                                                                                                                                                                                                                                       NAME: COMLIN, David G. REGISTRATION NUMBER: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
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                                                                                                                                             TYPE:
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                                                                                                                       Type: amino acid
                                                                                                                                                                LENGTH:
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(617)523-6440
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  69.38;
70.68;
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Score 774.5; DB 1; Length 208; Pred. No. 1.8e-79;
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Best Local Similarity

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08-08-593-535-9
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                                                             Guery Match 69.3%; Score 774.5; DB 1; Length 208; Host Local Similarity 70.5%; Pred. No. 1.8e 79; Matches 149; Conservative 23; Mismatches 30, indels 9;
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                                                                                                                                                                                                                                                                                     TELEFAX: (617)523-6440
TELEX: 200291 SIKE UR
INFORMATION FOR SEQ ID NO: 9:
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APPLICANI: NARUO,
                                                                                                                                                                                  MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 27026
TELECOMMUNICATION INFORMATION: [617)523-3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: NARUO, Ken-ichi
APPLICANT: SEKO, Chisako
APPLICANT: KUKOKAWA, Tsutomu
APPLICANT: KONDO, Taken
                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 12-FEB-1992
ATTORNEY/AGENT INFORMATION:
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                     I MAPLAEVGGFLGGLEGLGQQVGSHFLLPPAGERPPLLGERRSAAERSARG----GPGAAQL 57
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COMPUTER: 1BM PC compatible
OPERATING STSTEM. PG WASAMSTAGS
SOFTWARE: Patentin Release #1.0, Version #1.25
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                                                                                                                                                                                                          Popology:
                                                                                                                                                                                                                                 TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
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                                                                                                                                                                                                                               amino acid
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: GLIA ACTIVATING FACTOR AND ITS
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US-08-593-535-25
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                               CELL TYPE: fib
IMMEDIATE SOURCE:
LIBPARY: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LHM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0.
                                                                                                                                      ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 12-FEB-1992
APTORNEY/AGENT INFORMATION:
NAME: CONLIN, David G.
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CUREENT APPLICATION DATA:
                                                                                                                                                       HYPOTHETICAL:
                                                                                                                                                                  MOLECULE TYPE:
                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                         TELEPHONE: (617)523-3400
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APPLICANT: SEKU, Chisako
APPLICANT: KUROKAWA, Tsutomu
APPLICANT: KONDO, Tatsuya
TITLE OF INVENTION: GLIA ACTIVATING FACTOR AND ITS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: PRODUCTION
                                                                                                   ORGANISM: Homo sapiens HAPLOTYPE: 2n
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                                                                                                                                                                                                                                                                                                                                              NAME: CONLIN, David
PEGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER - FILING DATE: 24-JA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            55 DHUKGILERBOLYCETGEHLEIEPNGTTOGTEKDHSREGILEFISIAVGLVSIEGVDSGL 114
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                               Human foreskin cDNA library
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; Sequence 7, Application (ISZ08439725A); Patent No. 5693775
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                                                                                                                  Chart Match 65.8%; Score 774.5; DB 1
Rest Local Similarity 70.6%; Prod. No. 1.8c-79
Matches 145; Conservative 24; Mismatches 8
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NAME: Hailo, Lisa A.
REGISTRATION NUMBER: 48,447
REFERENCYTOPOXIT POMPOP: 0726
LELECOMMUNICATION INFORMATION:
LELEPHONE: 619/678-5070
                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO. 7:
SECOURCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SUPTWAKE: Patchill Release #1.0, Version #1.40 PURKENT APPLICATION DATA: Application groups - UCLOP(4.24.25A)
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8 439 725A:7
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COMPUTER: HAM BU COMPUTIBLE
OPERATING SYSTEM: BU DOSZMS DOS
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58 AHLHOTTARROLYCKTGEHLØTLEDGSVØGTRØDHSLEGTLEFTSVAVGLVSTRGVDSGL 117
                                                                                                                                                                                                                                                               TopoLogy: linear
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                                        1 MAPLGERGNYFGRADAN - PEGNRIPVLIPV - DSPVILLSDIHAJOSE - - AGGLPRÓPAVIDL 54
                                                                              1 MAPLAEVGGELGGLEGLGQQVGSHFLLEPPAGERPPLLGERRSAAEKSARG---GPGAAQL 57
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4225 Executive Napare, Suite 1400
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N: 424
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                                                                                                                                                                 DB 1; Length 208;
                                                                                                                             30; Indels 9; Gaps
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; Patent No. 5773252
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Best Local Similarity 70.6%; Pred. No. 1.8e-75;
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INFORMATION FOR SEQ ID NO: 17:
SEQUIES: CHARACTERISTICS:
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MEDIUM TYPE: 3.5 INCH DISKETTE
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115 YLGMNEKGELYGSEKLIFQEGVFÐFQÐFENWYNTYSSNLYKHVDTGKRYYVALNKÐGTFÞÆ 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/FACINE NUMBER 12
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
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                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
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175 GTRTKRHOKETHELPRPVDPDKVPELYKDIL 205
            178 GARSKRHOKETHFLPREVDEEKVEELYKULL 208
                                                           115 YLGMNEKGELYGSEKLTQECVEREQFEENWYNIYSSNLYKHVDTGKKYYVALNKD3TPRE 174
                                                                                           118 YLGMNDKGELYGSEKULSIKCI FREGEBLEWYNI YSSHLYKULTUSEFY IVAL NKIGTIPKO 177
                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: LINEAR
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                                                                                                                        TYPE:
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US-08-867-471 7

Sequence 7, Application US/08867471

Fatent Nc. 697226

GENERAL INFORMATION:
APPLICANT: Nathans, Jorgan
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Best Local Similarity 70.6%; Fred, No. 1.8e-79;
Matches 149; Conservative 23; Mismatches 30; Indexs 9; Gaps
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APPLICANI:
APPLICANI:
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MULECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                  175 GIRTKRUGKETHILIPRIYDEDKVERLIKDIL 205
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REGISTRATION NUMBER: 36,144
REFERENCE GEOWET NUMBER: 32,
LELECOMMUNICATION INFORMATION:
IELEPHONE: 201,984,1700
                                                                                                                                                                                                                                                                                                                                                                                                                                                           178 GARSKRICKETHFLFREVDFERVPELYKDLL 208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    115 YOMNEKGELYÖSEKETQPOVFEGGYEEHWYHTYSSNLYNHVULGKKYYVALNKUGIPKE 174
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ALTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               55 DHEKGIERRÓLYÓKIGYHLEIPPNYTTYGTEKDHSREGILEFISIAVGLVSTRGVESGL 114
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
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COMPOTER: IBM PC compatible
OPERALING SYSTEM, PC-ECS, WT 1.,
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MAPIGEVGNYPGVQDAV--PPGNVPVLPV--DSTVLLSDHLGQSE--AGSLEWGPAVFDL 54
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TELEPHONE: 201-994-1744
TEOLEPAX: 201-994-1744
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CITY: Roseland
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            Nathans, Jeremy
Smallwood, Philip M.
Macke, Jennifer P.
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Sequence 12, Application US/08438439C; Patent No. 5875967; GENERAL INFORMATION
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TELEPAX: 617/678-5099
INFORMATION FOR SEC ID NO: 7:
                                          APPLICANT: Nathans, Jeremy
APPLICANT: Smallwood, Fnillip M.
APPLICANT: Hacke, Jenniler P.
TITLE OF INVENTION: FIBROBROBLAST GROWTH FACTOR HOMOLOGOUS
TITLE OF INVENTION: FACTOR 2 AND METHODS OF USE
                      CORRESPONDENCE ADDRESS:
                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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EEGISTHAN NUMBER: 38,347
EFFFENCE, COCKET HUNGER: 67265,047001
THLECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                17° GEPTKRHOKETHELLEFVEDECKETHLYKLIL 205
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ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
                                                                                                                                                                                                                                                                                                                178 CARSERBERTHREAFEN. JELFUL (YROLL 208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 536
PROOF APPLICATION DATA:
APPLICATION NUMBER
                                                                                                                                                                                                                                                                                                                                                115 YLGMNEKGELYGSEKLTOFCVEREGFEENWYNTYSSNLYKHVOTGKRYYVALNKDGTPRE 174
                                                                                                                                                                                                                                                                                                                                                                                  118 YLGMNDKGELYGSEKLTSEGIFREGFEERWYRTYSSILIYKHGDTGKEYFVALNKIGTDED 177
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          ADORESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: not
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 MAPLAEVGOFTGGLEGG GOOVGSHELT PRAGEERFLT GEFFCAGESGAES
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Fish & Richardson P.C
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Patent No. 5989866
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                                350 ID Nº 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches 149;
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                                                                                                                CONSERT AFTLETALES HEMELE, 05/08/951/822A
CURRENT FILING LATE: 1597-10-16
NUMBER OF SED ID NOS: 46
SUPTWARE: FASISED TO WILDOWS VOISION 3.0
                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Holderman, Susan D. APPLICANT: Harsen, Birdit APPLICANT: Sheppard, Farmi o, applicant of baren regression between regressions.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Beisher, Theresa A. APPLICANT: Casklib, barrell C. APPLICANT: Roymond, Fenella APPLICANT: Bekenziki, Themas E.
                                                                                                                                                                                                                                                                                                      TILLE OF INVENTION. NOVEL FOR REMODERS FILE REFERENCE: 96-20
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TYPE: PRI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                178 GARSKERSKITHET, DEBYLDERVISERKELL 208
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FILING DATE: May 12, 1995
CLASSIFICATION: 4.85
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COMPUTER: IBM De compatible
ODERATIR: SYSTEM: Persex, MS 1:01
SOFTWARE: Patentin Release #1.0, Version #1.30
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STATE: cA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    / Match 69.48; Score 774.5; DB 2; Length 208; Local Similarity 70.58; Pred. No. 1.86-79; Local 49; Conservative 24; Mismatches 40; Indels 9
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amino acid
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; Patent No. 5998170
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Matches 149,
                     Query Match 69.3%; Score 774.5; DH 2: Length 208; Hest Local Similarity 70.6%; Pred. No. 1.8e-79;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ 1D NO: 3:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOPTWARE: Patentin Release #1.0, Version #1.30 CHEETHT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MIDIOR TYPE: Flory:
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                                                                                                                                                                                                                                            MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 805.447.4112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION: NAME: Mazza, Richard J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 208 amino acids
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Awal Similarit; 70.6%; Prod. No. 1.8e-79;
hos 140; Conservative 23; Mismatchos 40; Lodels 40 daps
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Conservative
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23; Mismatches
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69.3%; Score 774.5; DB 3; Longth 208;
Best Local Similarity 70.5%; Frod. No. 1.8e-79;
Matches 119, Consurvative 23, Mismatches 30, Indexs 5, Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: PIBroblast Growth Factor 15
FILE REPERENCE: PF203b1
CURRENT AFFLICATION HUMBER, US/09/703,979A
CURRENT FILLING DATE: 1998-06-23
EARLIER APPLICATION HUMBER: U8/462,169
EARLIER APPLICATION HUMBER: 08/462,169
EARLIER FILLING DATE: 1995-06-05
WIMSER: FILES IL NES, 32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 208
TYPE: PRf
ORGANISM: Homo sapiens
-09-103-079-17
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                                                                                                                                                 175 GIRTKRHOKFIHFLPREVUPDKVPELYKDIL 205
                                                                                                    178 CARSKRUCKFTUFLDUPPDDERVDELVKDLL 208
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                                                                                                                                                                                                                                                                                                                     58 AHLHGILRRROLYCKTGFHLQILPDGSVQGTRQDHSLFGILFFISVAVGLVS1EGVDSGL 117
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